PRODUCT SPECIFICATION SHEET

20% SDS Solution

Catalog Number: S002-0500 **Size:** 500 mL **Form:** Liquid, ready-to-use

1. Product Description

CELLPICK 20% Sodium Dodecyl Sulfate (SDS) Solution is a highly concentrated, sterile-filtered anionic detergent designed for protein biochemistry, electrophoresis, and molecular biology applications requiring rigorous protein denaturation and cell lysis.

Formulated from ultra-pure reagent grade SDS in purified water, this pre-made solution eliminates the handling of hazardous fine powders and ensures exceptional batch-to-batch reproducibility. Supplied in a convenient 500 mL format to optimize laboratory efficiency.

2. Specifications

Concentration	20% (w/v)
Composition	20% (w/v) Sodium Dodecyl Sulfate (SDS) in ultrapure water, sterile filtered
Purity Grade	Molecular biology grade
Appearance	Clear, colorless liquid
Storage Conditions	Room temperature (15–25°C) or 2–8°C

3. Recommended Applications & Usage

Suitable for preparing running and sample buffers for polyacrylamide gel electrophoresis (PAGE), nucleic acid isolation procedures, and protein extraction buffers.

Usage: Dilute to final working concentration according to your experimental protocol. Invert gently before use.

4. Ordering Information

Catalog Number	Product Name	Packaging Unit
S002-0500	20% SDS Solution	500 mL